

Multi-CD control High power CD player
with RDS tuner

Reproductor de CD de alta potencia con
control múltiple de CD y sintonizador RDS

DEH-P545R

Operation Manual Manual de Operación



PIONEER ELECTRONIC CORPORATION

4-1, Meguro 1 chome, Meguro-ku, TOKYO, 153, JAPAN

PIONEER ELECTRONICS (USA) INC.

P.O. Box 1760, Long Beach, California 90801, U.S.A.

TEL: (800) 421-1404

PIONEER ELECTRONIC (EUROPE) N.V.

Haven 1087 Keetberglaan 1, 9120 Melsele, Belgium

TEL: (0) 3/570.05.11

PIONEER ELECTRONICS AUSTRALIA PTY. LTD.

178-184 Boundary Road, Braeside, Victoria 3195, Australia

TEL: (03) 580-9911

PIONEER ELECTRONICS OF CANADA, INC.

300 Allstate Parkway Markham, Ontario L3R 0P2, Canada

TEL: (905) 479-4411

PIONEER ELECTRONICS DE MEXICO, S.A. de C.V.

San Lorenzo Num 1009 3er piso Desp. 302

Col. Del Valle, Mexico D.F. C.P. 03100

TEL: 5-688-52-90

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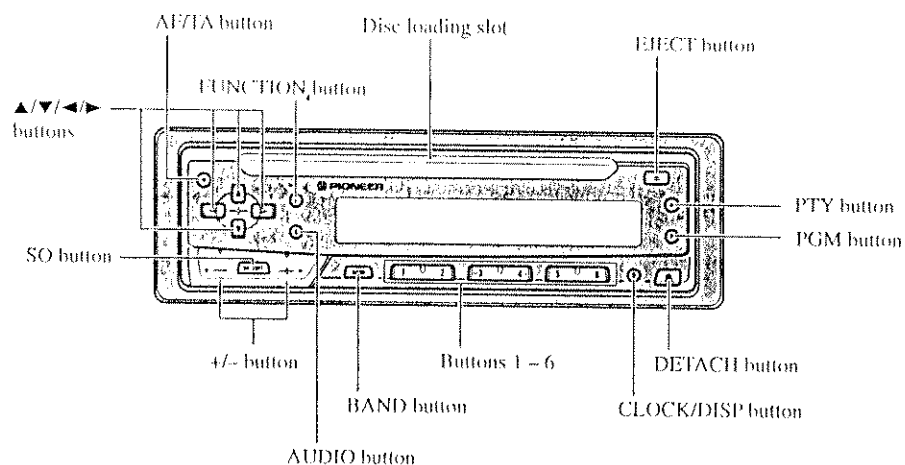
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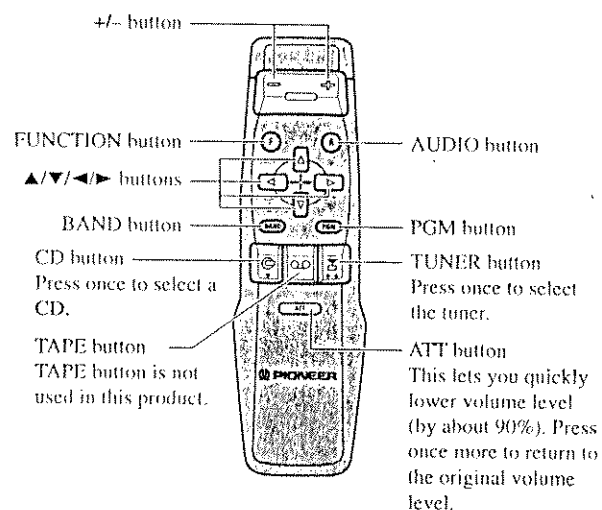
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Head Unit



Remote Controller (CD-R66)

The remote controller (CD-R66) enabling remote control of the head unit is sold separately. Operation is the same as when using buttons on the head unit.



Before Using This Product

About This Product

- This product complies with the EMC Directives (89/336/EEC, 92/31/EEC) and CE Marking Directive (93/68/EEC).

The tuner frequencies on this product are allocated for use in Western Europe, Asia, the Middle East, Africa and Oceania. Use in other areas may result in improper reception. The RDS function operates only in areas with FM stations broadcasting RDS signals.

About This Manual

This product features a number of sophisticated functions ensuring superior reception and operation. All are designed for the easiest possible use, but many are not self-explanatory. This operation manual is intended to help you benefit fully from their potential and to maximize your listening enjoyment.

We recommend that you familiarize yourself with the functions and their operation by reading through the manual before you begin using this product. It is especially important that you read and observe the "Precaution" on page 6 and in other sections.

This manual explains head unit operation. You can perform the same operations with the remote controller (CD-R66). The remote controller enables one-touch source changing and pause operation, and offers the convenience of ATT, a function not provided on the head unit.

About Optional Remote Controller (CD-R66)

Open the cover on the rear of the optional remote controller (CD-R66), and you'll find a switch. Do not change this switch's position from the MAIN UNIT position. (Initially, the switch is set to the MAIN UNIT position.) If you change the switch setting, correct operation of this product will not be possible.

Resetting the Microprocessor

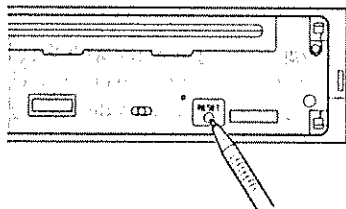
The microprocessor must be reset under the following conditions:

When using this product for the first time after installation.

When the product fails to operate properly.

When strange (incorrect) messages appear on the display.

- To reset the microprocessor, remove the front panel as described on page 41 and press the RESET button on the head unit with a pen tip or other pointed instrument.



Precaution

- A "CLASS 1 LASER PRODUCT" label is affixed to the bottom of the player.



- The Pioneer CarStereo-Pass is for use only in Germany.
- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough for outside sounds to be audible.
- Protect the product from moisture.
- If the battery is disconnected, the preset memory will be erased and must be reprogrammed.

In Case of Trouble

Should this product fail to operate properly, contact your dealer or nearest authorized Pioneer Service Station.

To Listen to Music

The following explains the initial of operations required before you can listen to music.

Note:

- Loading a disc in this product. (Refer to page 10.)

1. Select the desired source, (e.g. tuner).



Each press changes the Source ...

■ Head Unit

Each press of the SO button selects the desired source in the following order:

Built-in CD player → Tuner → Multi-CD player → AUX

■ Remote Controller

Each press of the button selects the desired source in the following order:

TUNER button : Tuner → Sources OFF

CD button : Built-in CD player → Multi-CD player → Sources OFF

Note:

- In the following cases, the sound source will not change:
 - * No Multi-CD player is connected to this product.
 - * No disc is set in this product.
 - * No magazine is set in the Multi-CD player.
 - * AUX (external input) is set to OFF. (Refer to page 44.)

2. Raise or lower the volume.



3. Source OFF.



Hold for 1 second or more

Basic Operation of Tuner

This product's AF function can be switched ON and OFF. AF should be switched OFF for normal tuning operations.

Manual and Seek Tuning

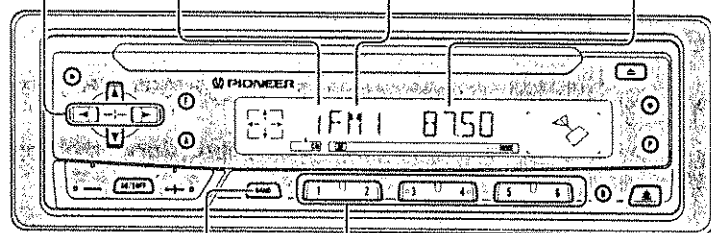
- You can select the tuning method by changing the length of time you press the ◀▶ button.

Manual Tuning (step by step)	0.3 seconds or less
Seek Tuning (automatically)	0.3 – 2 seconds
Manual Tuning (continuously)	2 seconds or more

Note:

- "Ⓢ" stereo indicator lights when a stereo station is selected.

Preset Number Indicator Band Indicator Frequency Indicator



Band

FM 1 → FM 2 → FM 3 →
MW/LW

Preset Tuning

- You can memorize broadcast stations in buttons 1 through 6 for easy, one-touch station recall.

Preset station recall	2 seconds or less
Broadcast station preset memory	2 seconds or more

Note:

- Up to 18 FM stations (6 in FM1, FM2 and FM3) and 6 MW/LW stations can be stored in memory.
- You can also use the ▲ or ▼ buttons to recall broadcast stations memorized in buttons 1 through 6.

Basic Operation of Built-in CD Player

Disc Loading Slot

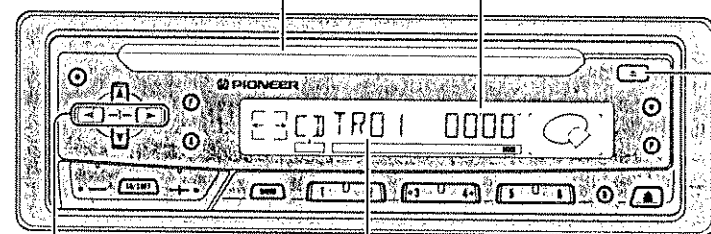
The built-in CD player plays one standard 12 cm or 8 cm (single) CD at a time. Do not use an adapter when playing 8 cm CD.

Eject

Note:

- The CD function can be turned ON/OFF with the disc remaining in this product. (See page 7.)
- Discs left partially inserted after ejection may incur damage or fall out.

Elapsed Play Time Indicator



Track Number Indicator

Track Search and Fast Forward/Reverse

- You can select between Track Search or Fast forward/Reverse by pressing the ◀▶ button for a different length of time.

Track Search	0.5 seconds or less
Fast forward/Reverse	Continue pressing

Note:

- If a disc cannot be inserted fully or playback fails, make sure the recorded side is down. Push the EJECT button and check the disc for damage before reinserting it.
- If a CD is inserted with the recorded side up, it will be ejected automatically after a few moments.
- If the built-in CD player cannot operate properly, an error message (such as "ERROR-14") appears on the display. Refer to "Built-in CD Player's Error Message" on page 53.

Basic Operation of Multi-CD Player

This product can control one or more multi-CD players. (There are some types of Multi-CD players such as CDX-P630S which you cannot connect more than one.)

Switching the Multi-CD Player

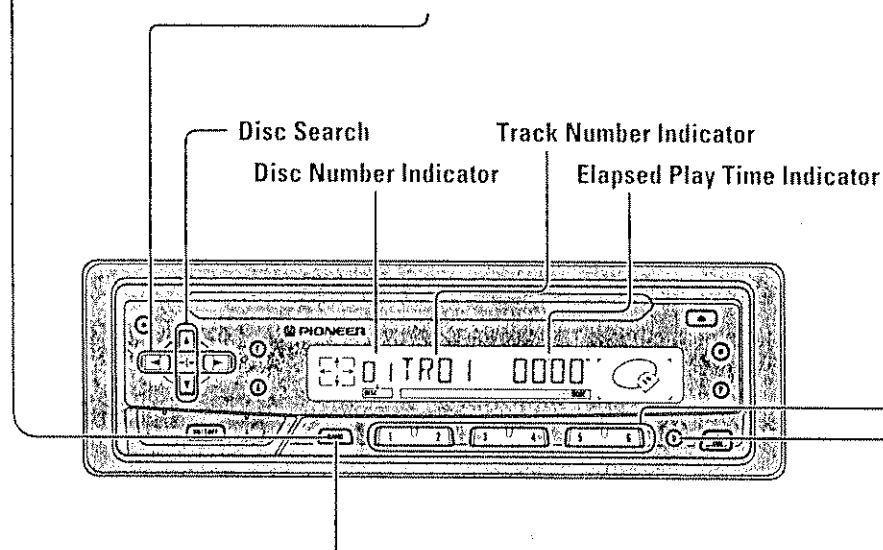
Using a multiple connection adapter lets you connect up to three Multi-CD players.

M-CD 1 → M-CD 2 → M-CD 3
(Displayed about for 2 seconds.)

Track Search and Fast Forward/Reverse

- You can select between Track Search or Fast forward/Reverse by pressing the ◀▶ button for a different length of time.

Track Search	0.5 seconds or less
Fast forward/Reverse	Continue pressing



Ejecting a Single Disc (for 50-Disc type only)

- Press the BAND button for 2 seconds or more, and you can eject the currently playing disc from the extra tray.
- (Refer to the operation manual for the 50-Disc type Multi-CD player for details concerning disc ejection from the extra tray.)

Note:

- This function does not operate if a disc is already loaded in the extra tray.

Disc Number Search (for 6-Disc, 12-Disc types)

- You can select discs directly with the 1 to 6 buttons. Just press the number corresponding to the disc you want to listen to.

Note:

- When a 12-Disc Multi-CD Player is connected and you want to select disc 7 to 12, press the 1 to 6 buttons for 2 seconds or longer.

Disc Number Rough Search (for 50-Disc type only)

- This handy function lets you select discs loaded in a 50-Disc Multi-CD Player using the 1 to 5 buttons. The 50 discs are divided into five blocks, with each of the 1 to 5 buttons assigned to a block.

- Select the desired block with the 1 to 5 buttons.

Note:

- After completing a rough search, use the ▲ and ▼ buttons to select a desired disc.

Switching Between Displays

- Each time you press the CLOCK/DISP button, the display switches between Disc Title and Group indications for the disc currently playing.

Playback mode (Elapsed play time) → Disc Title → Music Group

Note:

- Music Group display is a 50-Disc type Multi-CD player function. You cannot switch to this display with 6-Disc and 12-Disc type Multi-CD players.
- If you switch displays when disc titles have not been input or when discs have not been allocated to a music group, "NO TITLE" or "NO GROUP" is displayed for about 8 seconds.

Note:

- The multi-CD player may perform a preparatory operation, such as verifying the presence of a disc or reading disc information, when the power is turned ON or a new disc is selected for playback. "READY" is displayed.
- When a magazine is loaded into a 50-Disc type Multi-CD Player, information on all the discs in the magazine is read.
If you start playing a disc on a 50-Disc type Multi-CD Player before reading of information on all discs has been completed, reading of information stops part way through. This will prevent you from using a number of functions. (If you try and use these functions, "NOT READY" is displayed.)
If this happens, reading of information begins again when you switch to a component other than the 50-Disc type Multi-CD Player.
- If the multi-CD player cannot operate properly, an error message such as "ERROR-14" is displayed. Refer to the multi-CD player owner's manual.
- If there are no discs in the multi-CD player magazine, "NO DISC" is displayed.
- "LOAD" will be displayed in the following cases:
 - * If the disc in the extra tray is selected.
 - * If the disc is moved from the extra tray to the magazine.
 (Refer to the 50-Disc type multi-CD player owner's manual.)

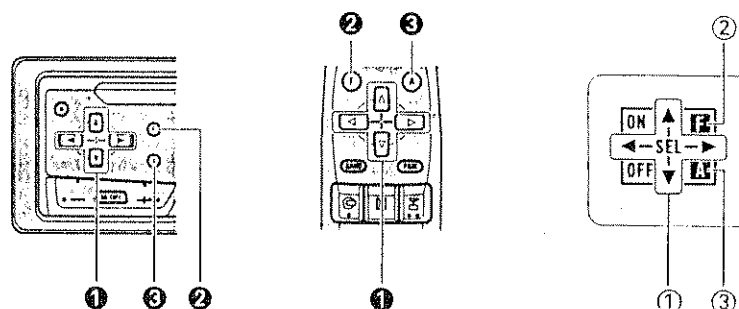
Corresponding Display Indications and Buttons

This product's display features Key Guidance Indicators. These light to indicate which of the ▲/▼/◀/▶, FUNCTION and AUDIO buttons you can use. When you're in the Function Menu (refer to next section), Detailed Setting Menu (refer to page 16), Initial Setting Menu (refer to page 13) or Audio Menu (refer to page 38), they also make it easy to see which ▲/▼/◀/▶ buttons you can use to switch functions ON/OFF, switch repeat selections and perform other operations. Indicator and corresponding buttons are shown below.

■ Head Unit

■ Remote Controller

■ Display



When ① is lit in the display, perform appropriate operations with the ① buttons.
When ② is lit in the display, it indicates that you are in the Function Menu, Detailed Setting Menu or Initial Setting Menu. You can switch between each of these menus and between different modes in the menus using button ② on the head unit or remote controller.
When ③ is lit in the display, it indicates you are in the Audio Menu. You can switch between modes in the Audio Menu using button ③ on the head unit or remote controller.

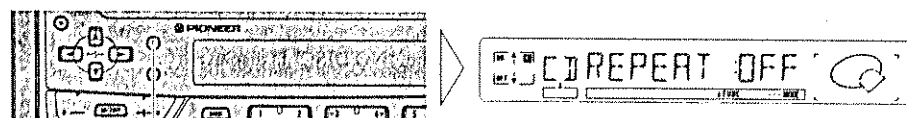
Entering the Function Menu

The Function Menu lets you operate simple functions for each source.

Note:

- After entering the Function Menu, if you do not perform an operation within about 30 seconds, the Function Menu is automatically canceled.

1. Select the desired mode in the Function Menu. (Refer to "Function Menu functions".)



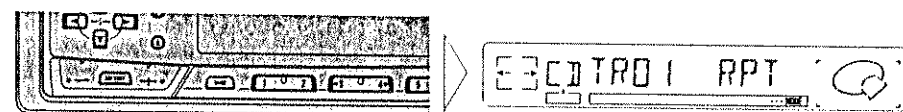
Each press changes the Mode ...

2. Operate a mode. (e.g. Repeat Play)



The button used and the operation it performs are indicated by the key guidance indicator. Press the ▲ button to switch the key guidance indicator ON, and the ▼ button to switch it OFF.

3. Cancel the Function Menu.



Function Menu Functions

The following chart shows functions for each source in the Function Menu. The chart also shows indications for each function, operations and buttons used to perform operations. For more details, or when you want to know about an operation, refer to the page number indicated in the chart.

■ Tuner

Function name (Display)	Button : Operation	Page
Best Stations Memory (BSM)	▲:ON ▼:OFF	18
Regional Function (REG)	▲:ON ▼:OFF	21
Local Seek Tuning (LOCAL)	1 ▲:ON ▼:OFF 2 ◀ or ▶:Select (Sensitivity)	18
TA Function (TA)	▲:ON ▼:OFF	22
PTY Search Setting (PTY SEL)	◀ or ▶:Select (Program type)	25
PTY Search	▲:ON ▼:OFF	26
AF Function (AF)	▲:ON ▼:OFF	20

■ Built-in CD Player

Function name (Display)	Button : Operation	Page
Repeat Play (REPEAT)	▲:ON ▼:OFF	27
Random Play (RANDOM)	▲:ON ▼:OFF	27
Scan Play (T-SCAN)	▲:ON ▼:OFF	28
Pause (PAUSE)	▲:ON ▼:OFF	28

■ Multi-CD Player

Function name (Display)	Button: Operation	Page
Repeat Modes (REPEAT)	◀ or ▶:Select (Play range)	29
Disc Title List (TITLE LIST)	1 ▶ or ▶:Select (Disc Title) 2 ▲:Play	37
"ABC" Disc Title Search (ABC SEARCH)	1 ▲ or ▼:Select (First Letter) 2 ▶ or ▶:Select (Disc Title) 3 ▲:Play	37
Random Play (RANDOM)	▲:ON ▼:OFF	29
Scan Play (SCAN)	▲:ON ▼:OFF	30
ITS Play (ITSPLAY)	▲:ON ▼:OFF	32
Music Group Play (MG PLAY)	1 ▶ or ▶:Select (Group) 2 ▲:ON ▼:OFF	35
Frequency Play (FREQ-P)	1 ▶ or ▶:Select (Play frequency) 2 ▲:ON ▼:OFF	31
Pause (PAUSE)	▲:ON ▼:OFF	30
CD Sound Quality Adjustment (COMP)	▲ or ▼:Select (Sound Quality Function)	31

Entering the Detailed Setting Menu

In the Detailed Setting Menu, you can operate convenient, complex functions for each source.

1. Enter the Detailed Setting Menu.



Hold for 2 seconds

2. Select the desired mode. (Refer to "Detailed Setting Menu functions".)



Each press changes the Mode ...

3. Operate a mode.

4. Cancel the Detailed Setting Menu.



Note:

- You can cancel the Detailed Setting Menu by pressing the FUNCTION button again for 2 seconds or more.

Detailed Setting Menu Functions

The following chart shows functions for each source in the Detailed Setting Menu. The chart also shows indications for each function, operations and buttons used to perform operations. For more details, or when you want to know about an operation, refer to the page number indicated in the chart.

Tuner

Function name (Display)	Button : Operation	Page
Programmable Function (PGM-FUNC)	1 ◀ or ▶:Select (Function) 2 ▲:Memory	50

Built-in CD Player

Function name (Display)	Button : Operation	Page
Disk Title Input (TITLE IN)	1 ▲ or ▼:Select (Letter) 2 ◀ or ▶:Select (Position) 3 ►:Memory	28
Programmable Function (PGM-FUNC)	1 ◀ or ▶:Select (Function) 2 ▲:Memory	50

Multi-CD Player

Function name (Display)	Button : Operation	Page
Disk Title Input (TITLE IN)	1 ▲ or ▼:Select (Letter) 2 ◀ or ▶:Select (Position) 3 ►:Memory	36
ITS Programming (ITS)	▲:Memory	32
Classifying a Disc into a Group (MG IN)	1 ◀ or ▶:Select (Group) 2 ▲:Memory	34
Programmable Function (PGM-FUNC)	1 ◀ or ▶:Select (Function) 2 ▲:Memory	50

Local Seek Tuning (LOCAL)

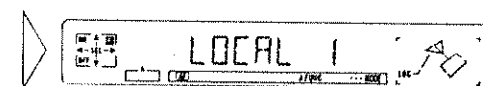
When Local mode is ON, you can only select broadcast stations providing strong reception.

1. Press the **FUNCTION** button and select the Local mode (LOCAL) in the Function Menu.

2. Switch the Local ON/OFF with the ▲/▼ buttons.



3. Select the desired Local Seek sensitivity with the ◀/▶ buttons.



FM : LOCAL 1 ↔ LOCAL 2 ↔ LOCAL 3 ↔ LOCAL 4
MW/LW: LOCAL 1 ↔ LOCAL 2

Note:

- The LOCAL 4 setting allows reception of only the strongest stations, while lower settings let you receive progressively weaker stations.

Best Stations Memory (BSM)

The BSM (Best Stations Memory) function stores stations in memory automatically.

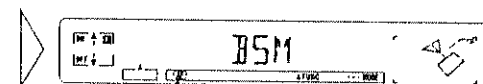
1. Press the **FUNCTION** button and select the BSM mode (BSM) in the Function Menu.

2. Switch the BSM ON with the ▲ button.

The stations with the strongest signals will be stored under buttons 1-6 and in order of their signal strength.



- To cancel the process, press the ▼ button in the Function Menu before memorization is complete.



What is RDS?

RDS (Radio Data System) is a system for transmitting data along with FM programs. This data, which is inaudible, provides a variety of features such as: program service name, program type display, traffic announcement standby, automatic tuning and program type tuning, intended to aid radio listeners in tuning to a desired station.

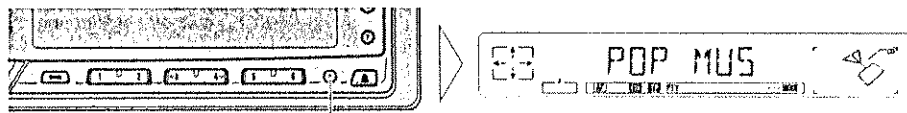
Note:

- RDS service may not be provided by all stations.
- RDS functions, like AF (Alternative Frequencies search) and TA (Traffic Announcement standby), are only active when your radio is tuned to RDS stations.

Program Service Name Display

With this function, the names of networks/stations providing RDS services replace the frequency on the display a few seconds after they are tuned in.

- When you want to know PTY Information or the frequency of the current station, change the display.



Each press changes the Display ...

Each press of the CLOCK/DISP button selects the display in the following order:
Program Service Name → PTY Information → Frequency

Note:

- After switching displays, if you do not perform an operation within 8 seconds, the Program Service Name is automatically displayed.

■ Displaying PTY Information

PTY (Program Type ID code) information for the currently tuned station appears on the display for 8 seconds. The information is correlated with the list in the section "PTY Function" on page 24.

■ Displaying the Frequency

The frequency of the current station appears on the display.

AF Function (AF)

The AF (Alternative Frequencies search) function is used to search for other frequencies in the same network as the currently tuned station. It automatically retunes the receiver to another frequency in the network which is broadcasting a stronger signal when there are problems with reception of the currently tuned station or better reception is possible on a different frequency.

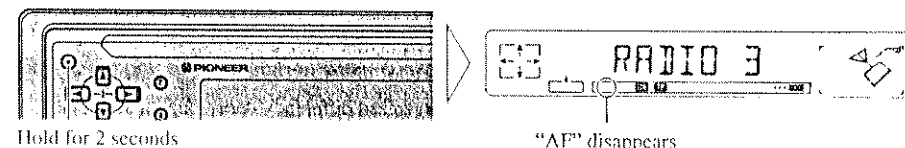
Note:

- AF tunes the receiver only to RDS stations when you use Seek tuning or BSM Auto Memory with the "AF" indicator ON.
- When you recall a preset station, the tuner may update the preset station with a new frequency from the station's AF list. (This is only available when using presets on the FMI band.) No preset number appears on the display if the RDS data for the station received differs from that for the originally stored station.
- Sound may be temporarily interrupted by another program during an AF frequency search.
- When the tuner is tuned to a non-RDS station, the "AF" indicator flashes.
- AF can be switched ON or OFF independently for each FM band.

Activating/Deactivating the AF Function

AF is set to ON by default.

- Turn AF to OFF.



To turn AF back ON, repeat the preceding operation.

Note:

- You can also switch the AF Function ON/OFF in the Function Menu.

PI Seek Function

The tuner searches for another frequency broadcasting the same programming. "PI SEEK" appears on the display and the radio volume is muted during a PI Seek. The muting is discontinued after completion of the PI Seek, whether or not the PI seek has succeeded. If the PI Seek is unsuccessful, the tuner returns to the previous frequency.

PI Seek

If the tuner fails to locate a suitable alternative frequency or if the broadcasting signal is too weak for proper reception, the PI Seek will automatically start.

Auto PI Seek (for preset station)

When preset stations cannot be recalled, as when traveling long distances, the product can be set to perform PI Seek also during preset recall. The default setting for Auto PI Seek is OFF.

Note:

- Refer to "Initial Setting Menu" for details on how to switch Auto PI Seek ON/OFF.

Regional Function (REG)

When AF is used to retune the tuner automatically, REG (Regional) limits the selection to stations broadcasting regional programs.

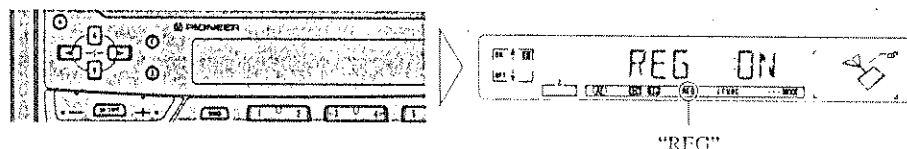
Note:

- Regional programming and regional networks are organized differently depending on the country (i.e., they may change according to the hour, state or broadcast area).
- The preset number may disappear on the display if the tuner tunes in a regional station which differs from the originally set station.

Activating REG

The REG function can be turned ON independently for each FM band.

- Press the **FUNCTION** button and select the **REG** mode (REG) in the Function Menu.
- Activate or deactivate REG while in an FM band.



TA Function (TA)

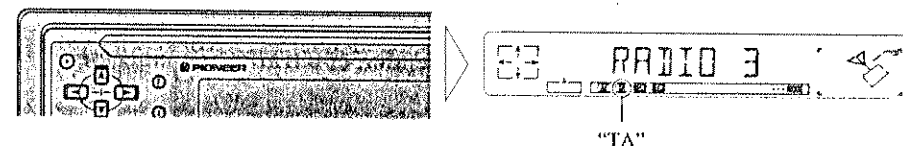
The TA (Traffic Announcement standby) function lets you receive traffic announcements automatically, no matter what source (tuner, built-in CD player or multi-CD player) you are listening to. The TA function can be activated for either a TP station (a station that broadcasts traffic information) or an EON TP station (a station carrying information which cross-references TP stations).

Activating/Deactivating the TA Function

- Tune in a TP or EON TP station.

The "TP" indicator lights when the tuner is tuned to a TP station, and both the "EON" and "TP" indicators light when it is tuned to an EON TP station.

- Activate the TA function:



The "TA" indicator lights, indicating that the tuner is waiting for traffic announcements.

Repeat the preceding operation when no traffic announcement is being received to deactivate the TA function.

Note:

- You can also switch the TA Function ON/OFF in the Function Menu.
- Only the (+), (-), AF/TA, AUDIO, CLOCK/DISP and SO buttons can be used during traffic announcement reception.
- The system switches back to the original source following traffic announcement reception.
- The TA function can be activated from the built-in CD player or multi-CD player mode if the tuner was last set to the FM band but not if it was last set to the MW/LW band.
- If the tuner was last set to FM, turning on the TA function lets you operate other tuning functions while listening to a CD.
- Only TP or EON-TP stations are tuned in during the Seek Tuning mode when the "TA" indicator is ON.
- Only TP or EON-TP stations are stored by BSM when the "TA" indicator is ON.

Canceling Traffic Announcements

- Press the AF/TA button while a traffic announcement is being received to cancel the announcement and return to the original source.



The announcement is canceled but the tuner remains in the TA mode until the AF/TA button is pressed again.

Adjusting the TA Volume

When a traffic announcement begins, the volume adjusts automatically to a preset level to enable you to hear the announcement clearly.

- Set the volume by adjusting it during reception of a traffic announcement.



The newly set volume is stored in memory and recalled for subsequent traffic announcements.

TP Alarm Function

About 30 seconds after the "TP" or "EON" indicator is extinguished due to a weak signal, a 5 second beep sounds to remind you to select another TP or EON-TP station.

- If you are listening to the tuner, tune in another TP station or EON-TP station.

In the built-in CD player or multi-CD player mode, the tuner automatically seeks out the TP station with the strongest signal in the current area 10 (or 30)* seconds after "TP" disappears from the display.

* Time taken before Seek begins.

TA function ON	10 seconds
TA, AF functions ON	30 seconds

PTY Function

The PTY function enables you to select stations by the type of programming they broadcast (PTY Search). It also provides automatic tuning to emergency broadcasts (PTY Alarm).

Note:

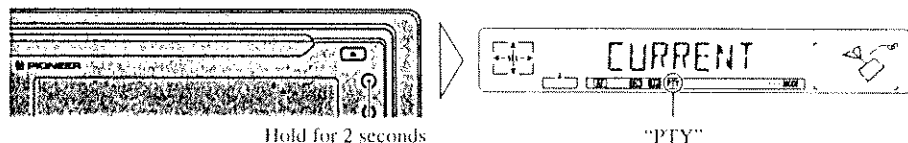
- PTY code program types are as follows:

1. NEWS: News.
2. AFFAIRS: Current affairs.
3. INFO: General information and advice.
4. SPORT: Sports programs.
5. EDUCATE: Educational programs.
6. DRAMA: All radio plays and serials.
7. CULTURE: Programs concerned with any aspect of national or regional culture.
8. SCIENCE: Programs about nature, science and technology.
9. VARIED: Light entertainment programs.
10. POP MUS: Popular music.
11. ROCK MUS: Contemporary modern music.
12. EASY MUS: Easy listening music.
13. L. CLASS: Light classical music.
14. CLASSICS: Serious classical music.
15. OTH MUS: Other types of music, which can't be categorized.
16. WEATHER: Weather reports/Meteorological information.
17. FINANCE: Stock market reports, commerce, trading etc.
18. CHILDREN: Children's programs.
19. SOCIAL: Social affairs programs.
20. RELIGION: Religion affairs programs or services.
21. PHONE IN: Phone in based programs.
22. TOURING: Travel programs, not for announcements about traffic problem.
23. LEISURE: Programs about hobbies and recreational activities.
24. JAZZ: Jazz music based programs.
25. COUNTRY: Country music based programs.
26. NAT MUS: National music based programs.
27. OLDIES: Oldies music, 'Golden age' based programs.
28. FOLK MUS: Folk music based programs.
29. DOCUMENT: Documentary programs.

- If a PTY code of zero is received from a station, "NONE" will be displayed. This indicates that the station has not defined its program contents.
- If the signal is too weak for this product to pick up the PTY code, "NO PTY" will be displayed.

PTY Search Setting Function (PTY SEL)

1. Enter the PTY Search setting mode.



The "PTY" indicator lights and the name of a program type appears on the display for 5 seconds.

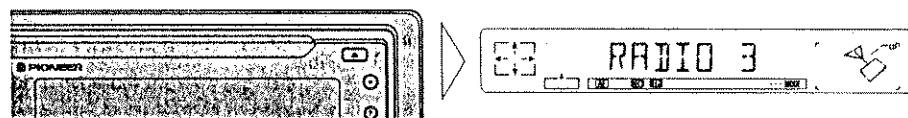
Note:

- CURRENT sets desired PTY to the program type of the current station (only for RDS stations broadcasting PTY information).

2. Select one of the PTYs.



3. When the desired programming type appears on the display, return to the normal display.

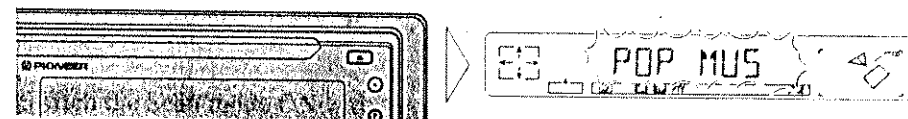


Note:

- You can also select the PTY Search Setting PTY mode (PTY SEL) in the Function Menu, and switch the PTY Search Function ON/OFF.

PTY Search Function (PTY SEL)

- Initiate a PTY search.



The tuner searches for a station broadcasting the desired PTY.

Note:

- The program of some stations may differ from that indicated by the transmitted PTY.
- If no station broadcasting the selected programming type is found, "NOT FOUND" is displayed for about 2 seconds, and the tuner returns to the original station.

PTY Alarm

PTY Alarm is a special PTY code for announcements regarding emergencies such as natural disasters. When the tuner receives the radio alarm code, "ALARM" appears on the display and the volume adjusts to the TA volume. When the station stops broadcasting the emergency announcement, the system returns to the previous source.

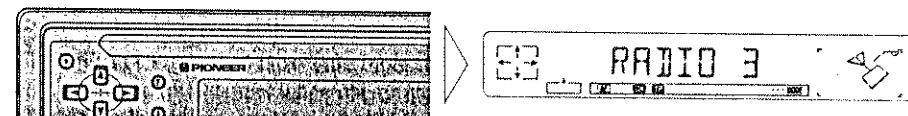


Note:

- Only the (+), (-), AF/TA, AUDIO, CLOCK/DISP and SO buttons can be used during emergency announcement reception.
- The system switches back to the original source following emergency announcement reception.

Canceling Emergency Announcements

- Press the AF/TA button during emergency announcement reception to cancel the announcement and return to the previous source.



Repeat Play (REPEAT)

Repeat Play plays the same track repeatedly.

1. Press the **FUNCTION** button and select the Repeat mode (REPEAT) in the Function Menu.
2. Switch Repeat Play ON/OFF with the **▲/▼** buttons.



Note:

- If you perform Track Search or Fast forward/Reverse, Repeat Play is automatically canceled.

Random Play (RANDOM)

Random Play plays the tracks on a CD in random order for variety.

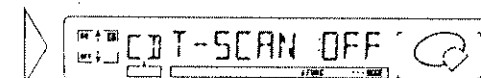
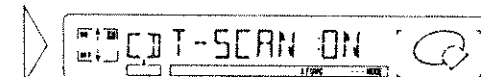
1. Press the **FUNCTION** button and select the Random mode (RANDOM) in the Function Menu.
2. Switch Random Play ON/OFF with the **▲/▼** buttons.



Scan Play (T-SCAN)

Scan Play plays the first 10 seconds or so of each track on a CD in succession.

1. Press the **FUNCTION** button and select the Scan mode (T-SCAN) in the Function Menu.
2. Switch the Scan mode ON with the **▲** button.
3. When you find the desired track, cancel scan play with the **▼** button.



If the Function Menu is automatically canceled at this time, select the Scan mode in the Function Menu once more.

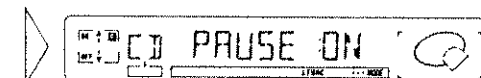
Note:

- Scan Play is canceled automatically after all the tracks on a disc have been scanned.

Pause (PAUSE)

Let's you pause play of the track currently playing.

1. Press the **FUNCTION** button and select the Pause mode (PAUSE) in the Function Menu.
2. Switch the Pause ON/OFF with the **▲/▼** buttons.



Disc Title Input (TITLE IN)

The built-in CD player's Disc Title Input function permits entry of up to 100 disc titles comprising up to 10 letters when one or more multi-CD players is installed. (Refer to "Disc Title Input" on page 36 under "Using Multi-CD Players".)

Repeat Modes (REPEAT)

There are four repeat modes (play range): One-track Repeat, Disc Repeat, Multi-CD player Repeat (the selected Multi-CD player) and All Repeat (all Multi-CD players). (Default mode is Multi-CD player Repeat.)

1. Press the **FUNCTION** button and select the Repeat Selecting mode (REPEAT) in the Function Menu.

2. Select the desired Repeat Mode with the **◀▶** buttons.

Multi-CD player Repeat ("MCD" is displayed) → All Repeat ("ALL" is displayed) → One-track Repeat ("TRK" is displayed) → Disc Repeat ("DSC" is displayed)

Note:

- All Repeat is available only when two or more multi-CD players are installed.
- If you go beyond the play range of the selected repeat mode by performing Track Search, Fast forward/Reverse or selecting another disc or Multi-CD player, the mode changes to an applicable Repeat mode.

Random Play (RANDOM)

Tracks are played at random within the selected repeat mode play range as explained in "Repeat Modes" above.

1. Press the **FUNCTION** button and select the Random mode (RANDOM) in the Function Menu.

2. Switch the Random Play ON/OFF with the **▲/▼** buttons.

After selecting the desired repeat mode play range from those referred to in "Repeat Modes" above, switch Multi-CD Player Random Play ON.



Display	Play range
D-RDM	Disc Repeat
M-RDM	Multi-CD player Repeat
RDM	All Repeat

Scan Play (SCAN)

In the Disc Repeat Mode, the beginning of each track on a single disc is scanned for about 10 seconds. In the Multi-CD player Repeat and All Repeat modes, the beginning of the first track on each disc is scanned for about 10 seconds.

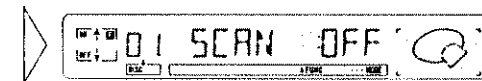
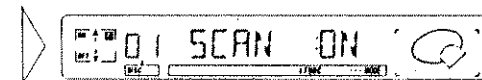
1. Press the **FUNCTION** button and select the Scan mode (SCAN) in the Function Menu.

2. Switch the Scan Play ON with the **▲** button.

After selecting the desired repeat mode play range from those referred to in "Repeat Modes" on page 29, switch Multi-CD Player Scan Play ON.

3. When you find the desired track (or disc), cancel scan play with the **▼** button.

If the Function Menu is automatically canceled at this time, select the Scan mode in the Function Menu once more.



Display	Play range
T-SCAN	Disc Repeat
D-SCAN	Multi-CD player Repeat
SCAN	All Repeat

Note:

- Scan Play is canceled automatically after all the tracks or discs have been scanned.

Pause (PAUSE)

Let's you pause play of the track currently playing.

1. Press the **FUNCTION** button and select the Pause mode (PAUSE) in the Function Menu.

2. Switch the Pause ON/OFF with the **▲/▼** buttons.



Frequency Play (FREQ-P) (for 50-Disc type only)

The Frequency Play Function plays discs in order, from the most frequently played disc to the least frequently played disc, or vice versa.

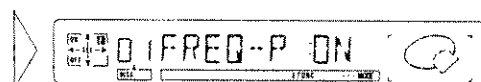
1. Press the **FUNCTION** button and select the Frequency Play mode (FREQ-P) in the Function Menu.

2. Select the desired play order with the **◀/▶** buttons.

For play of discs in order starting with the most frequently played disc, select "MOST". For play of discs in order starting with the least frequently played disc, select "LEAST".



3. Switch the Frequency Play ON/OFF with the **▲/▼** buttons.



Note:

- During Frequency play, pressing the **▲** or **▼** button changes to the previous or next disc in the frequency order.

CD Sound Quality Adjustment (COMP)

Using the COMP (Compression) and DBE (Dynamic Bass Emphasis) functions enables Multi-CD player sound quality adjustment. Both of the functions enable adjustment on two levels.

■ COMP

The COMP (Compression) function eliminates distortions caused by imbalances between loud and subdued sounds at higher volumes.

■ DBE

DBE (Dynamic Bass Emphasis) boosts bass levels to give a fuller sound.

1. Press the **FUNCTION** button and select the COMP/DBE Switching mode (COMP) in the Function Menu.

2. Select the desired mode with the **▲/▼** buttons.

COMP OFF → COMP 1 → COMP 2
→ COMP OFF → DBE 1 → DBE 2



Note:

- You can use these functions with Multi-CD players that have them. If the player does not feature the COMP/DBE functions, "NO COMP" is displayed if you try to use them.

ITS (Instant Track Selection)

The ITS function allows you to search for the track you wish to play when one or more multi-CD players are installed. You can use ITS to program automatic playback of up to 24 tracks per disc from up to 100 discs. (You can store ITS program and Disc Title data for up to 100 discs in memory. With a 50-Disc type Multi-CD Player, you can also store Music Group data.)

ITS Programming (ITS)

ITS programming can be conducted in any multi-CD player playback mode except ITS play.

1. Play the track you wish to program.
2. Select the ITS Programming mode (ITS) in the Detailed Setting Menu. (Refer to page 16.)

3. Program the desired track with the **▲** button.



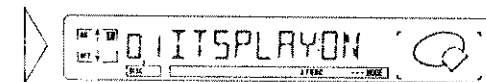
Note:

- After 100 discs have been programmed, data for a new disc will overwrite the data for the disc that has not been played back for the longest time.

ITS Play (ITSPLAY)

ITS play of tracks is performed within the play range explained in the "Repeat Modes" section.

1. Press the **FUNCTION** button and select the ITS Play mode (ITSPLAY) in the Function Menu.
 2. Switch ITS play ON/OFF with the **▲/▼** buttons.
- After selecting the desired repeat mode play range from those referred to in "Repeat Modes" on page 29, switch ITS play ON.



Note:

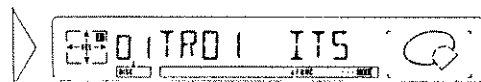
- If no track in the current range is programmed for ITS play "ITS EMPTY" is displayed.

Erase a Track Program

1. Select the track you wish to erase, during ITS play.
2. Select the ITS Programming mode (ITS) in the Detailed Setting Menu. (Refer to page 16.)

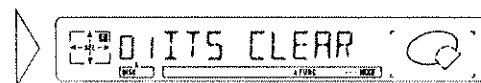
3. Erase with the ▼ button.

ITS is canceled and playback of the next ITS-programmed track begins. If there are no more programmed tracks in the current range, "ITS EMPTY" is displayed and normal play resumes.



Erase a Disc Program

1. Select the disc you wish to erase, while the disc is playing.
2. Select the ITS Programming mode (ITS) in the Detailed Setting Menu. (Refer to page 16.)
3. Erase with the ▼ button.



Music Group Play (for 50-Disc type only)

The Music Group Play function classifies discs loaded in a 50-Disc type Multi-CD player into 10 groups, and plays only discs from the same group.

Up to 100 discs can be classified into groups. (Music Group, ITS program and Disc Title data for up to 100 discs can be stored in memory.)

Classifying a Disc into a Group (MG IN)

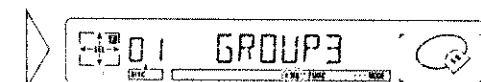
1. Play the disc you want to classify into a group.
2. Select the Music Group Input mode (MG IN) in the Detailed Setting Menu. (Refer to page 16.)
3. Select the desired group with the ◀/▶ buttons.



Note:

- Music Group types are as follows:
ROCK 1, ROCK 2, POP, JAZZ, INSTRMNT, CLASSIC, GROUP 1, GROUP 2, GROUP 3, GROUP 4

4. Memorize the disc in the selected group with the ▲ button.



Note:

- Even if you remove a disc from a magazine after you have registered it in a group, its assigned group is stored in memory. This means that when you reinsert the disc in the magazine, there's no need to reassign it to the group.
- After assigning 100 discs to groups, data input for a new disc overwrites data for the disc that has been played least recently.
- You can display the group name of the disc currently playing. For details, refer to "Switching Between Displays" on page 12.

Music Group Play (MG PLAY)

Only discs in the same group are played.

1. Press the **FUNCTION** button and select the Music Group Play mode (MG PLAY) in the Function Menu.

2. Select the desired Music Group with the **◀/▶** buttons.



Note:

- At first, the group of the disc currently playing is displayed. If the disc playing does not belong to a group, "NO GROUP" is displayed.

3. Switch Music Group Play ON/OFF with the **▲/▼** buttons.



Deleting a Disc from a Music Group

1. Play the disc you want to delete from a group.
2. Select the Music Group Input mode (MG IN) in the Detailed Setting Menu. (Refer to page 16.)

3. Delete from the group with the **▼** button.



Note:

- During music group play, if you have deleted the disc currently playing from the group, the next disc in the group is played. If all discs in the same group have been deleted, "NO GROUP" is displayed.

Disc Title

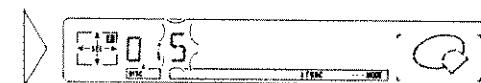
Disc Title Input (TITLE IN)

You can input Titles up to 10 letters long for up to 100 discs. Using this function lets you easily search for and select a desired disc for play. (You can store ITS program and Disc Title data for up to 100 discs in memory. With a 50-Disc type Multi-CD Player, you can also store Music Group data.)

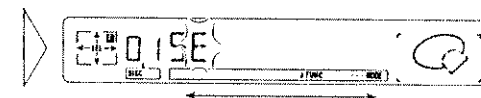
1. Play the disc you wish to input the disc title.
2. Select the Disc Title Input mode (TITLE IN) in the Detailed Setting Menu. (Refer to page 16.)

3. Select letters, numbers and symbols with the **▲/▼** buttons.

To insert a space, select the flashing cursor " _ ".



4. Move the box left and right with the **◀/▶** buttons.



5. When you have completed title input, make the 10th letter flash, then memorize by pressing the **▶** button.



Note:

- Titles remain in memory, even after the disc has been removed from the magazine, and are recalled when the disc is reinserted.
- After the titles for 100 discs have been entered, data for a new disc will overwrite the data for the disc that has not been played back for the longest time. If a Multi-CD player is installed, the data is stored in the Multi-CD player's memory.
- You can display the disc title of the disc currently playing. For details, refer to "Switching Between Displays" on page 12.

Disc Title List (TITLE LIST)

Follow the procedures below to play a disc for which you have input the title in a multi-CD player:

1. Press the **FUNCTION** button and select the Disc Title List mode (TITLE LIST) in the Function Menu.

2. Each time you press the **◀/▶** buttons, titles in the current disc magazine are displayed in the order of their disc numbers.



Nothing is displayed for disc whose titles have not been input.

3. Select the desired disc for playback by pressing **▲** button when its title is displayed.

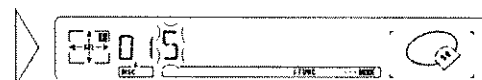


"ABC" Disc Title Search (ABC SEARCH) (for 50-Disc type only)

You can search for and select a disc by searching for the first letter of the desired disc's Disc Title.

1. Press the **FUNCTION** button and select the "ABC" Disc Titles Search mode (ABC SEARCH) in the Function Menu.

2. Select the desired first letter with the **▲/▼** buttons.



3. Each time you press the **◀/▶** buttons, disc titles beginning with the selected letter are displayed in order.



Note:

- Press the **▼** button to return to selection of the first letter.

4. Select the desired disc for playback by pressing **▲** button when its title is displayed.



Note:

- When there are no disc titles starting with the letter you selected, "NO TITLE" flashes in the display.

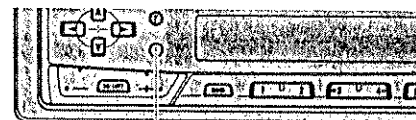
Entering the Audio Menu

With this Menu, you can adjust the sound quality.

Note:

- After entering the Audio Menu, if you do not perform an operation within about 30 seconds, the Audio Menu is automatically canceled.

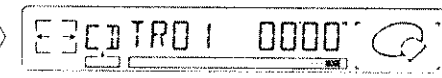
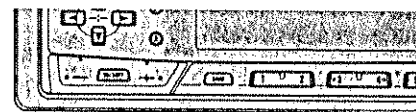
1. Select the desired mode in the Audio Menu.



Each press changes the Mode ...

2. Operate a mode.

3. Cancel the Audio Menu.



Audio Menu Functions

The Audio Menu features the following functions.

Balance Adjustment (FADER)

This function allows you to select a Fader/Balance setting that provides ideal listening conditions in all occupied seats.

1. Press the **AUDIO** button and select Fader/Balance mode (FADER) in the Audio Menu.

2. Adjust front/rear speaker balance with the **▲/▼** buttons.

"FADER F15" - "FADER R15" is displayed as it moves from front to rear.



3. Adjust left/right speaker balance with the **◀/▶** buttons.

"BAL L 9" - "BAL R 9" is displayed as it moves from left to right.



Note:

- "FADER 0" is the proper setting when 2 speakers are in use.

Bass/Treble Adjustment (BASS, TREBLE)

This product is equipped with two tone adjustment modes, the Bass (BASS) and Treble (TREBLE) modes. It is possible to select a different tone adjustment setting for each source. The built-in CD player and Multi-CD player are set to the same tone adjustment setting automatically.

1. Press the AUDIO button and select Bass mode (BASS) or the Treble mode (TREBLE) in the Audio Menu.

2. Increase or decrease the intensity of the Bass or Treble, whichever is selected, with the ▲/▼ buttons.

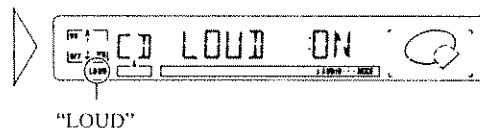
The display shows "+6" – "-6".



Loudness Adjustment (LOUD)

The Loudness function compensates for deficiencies in the low and high sound ranges at low volume.

1. Press the AUDIO button and select the Loudness mode (LOUD) in the Audio Menu.
2. Switch the Loudness function ON/OFF with the ▲/▼ buttons.



Front Image Enhancer Function (FIE)

The F.I.E. (Front Image Enhancer) function is a simple method of enhancing front imaging by cutting mid- and high-range frequency output from the rear speakers, limiting their output to low-range frequencies.

Precaution:

- When the F.I.E. function is deactivated, the rear speakers output sound in all frequencies, not only bass sounds. Reduce the volume before disengaging F.I.E. to prevent a sudden increase in volume.

1. Press the AUDIO button and select the F.I.E. mode (FIE) in the Audio Menu.
2. Switch the F.I.E. function ON/OFF with the ▲/▼ buttons.



Note:

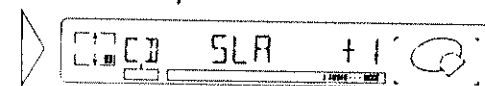
- After switching the F.I.E. function ON, select the Fader/Balance mode in the Audio Menu, and adjust front and rear speaker volume levels until they are balanced.
- Switch the F.I.E. function OFF when using a 2-speaker system.

Source Level Adjustment (SLA)

The SLA (Source Level Adjustment) function prevents radical leaps in volume when switching between sources. Settings are based on the FM volume, which remains unchanged. (Since the FM volume is the control, SLA is not possible in the FM modes.) The MW/LW, CD and AUX levels can all be adjusted. The built-in CD player and multi-CD player are set to the same volume adjustment setting automatically.

1. Compare the FM volume with the volume of the other source. (e.g. Built-in CD player)
2. Press the AUDIO button, and select the SLA mode (SLA) in the Audio Menu.
3. Increase or decrease the level with the ▲/▼ buttons.

The display shows "+4" – "-4".

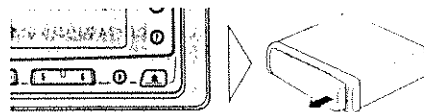


Theft Protection

The front panel of the head unit is detachable to discourage theft.

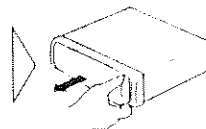
Detaching the Front Panel

1. Eject the front panel.



2. To remove the front panel, pull its right-hand side toward you.

Take care not to grip it tightly or drop it.

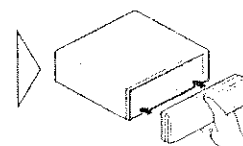


3. Use the protective case provided to store/carry the detached front panel.



Replacing the Front Panel

- Replace the front panel by clipping it into place.



Precaution:

- Never use force or grip the display tightly when removing or replacing the front panel.
- Avoid subjecting the front panel to excessive shocks.
- Keep the front panel out of direct sunlight and high temperatures.

Warning Tone

If the front panel is not detached within 5 seconds after the ignition is turned off, a warning tone will sound.

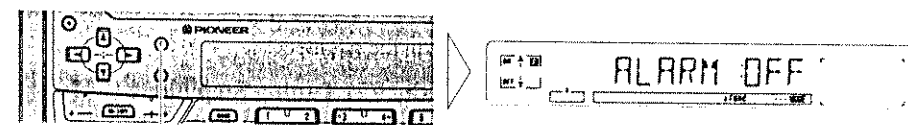
Note:

- You can cancel the warning tone function. (Refer to page 43.)

Entering the Initial Setting Menu

With this Menu, you can perform initial settings for the product.

1. Switch the sources OFF.
2. Enter the Initial Setting Menu with the sources OFF.



Hold for 2 seconds

3. Select the desired mode.



Each press changes the Mode ...

4. Operate a mode.
5. Cancel the Initial Setting Menu.



Note:

- ALARM is a new feature of the "Removable Front Panel Alert". Refer to "RFP Alert Function" for details and instructions on how to use this function.
- Holding down the FUNCTION button for 2 seconds also cancels the Initial Setting Menu.

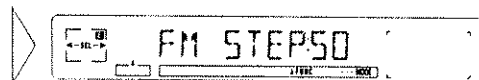
Initial Setting Menu Functions

The Initial Setting Menu features the following functions.

Changing the FM Tuning Step (FM STEP)

Normally set at 50 kHz during Seek tuning in the FM mode, the tuning step changes to 100 kHz when the AF or TA mode is activated. It may be preferable to set tuning step to 50 kHz in the AF mode.

1. Press the **FUNCTION** button and select the FM Tuning Step mode (FM STEP) in the Initial Setting Menu.
2. Select the desired tuning step with the **▲/▼** buttons.



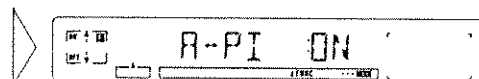
Note:

- The tuning step remains set at 50 kHz during Manual tuning.
- The tuning step returns to 100 kHz if the battery is temporarily disconnected.

Switching the Auto PI Seek (A-PI)

During Preset Station PI Seek operation, you can switch the Auto PI Seek function ON/OFF. (Refer to "PI Seek Function" on page 21.)

1. Press the **FUNCTION** button and select the Auto PI Seek mode (A-PI) in the Initial Setting Menu.
2. Switch the Auto PI Seek ON/OFF with the **▲/▼** buttons.



Setting the Warning Tone (WARN)

You can switch the Warning Tone function ON/OFF. (Refer to "Warning Tone" on page 41.)

1. Press the **FUNCTION** button and select the Warning mode (WARN) in the Initial Setting Menu.
2. Switch the Warning tone ON/OFF with the **▲/▼** buttons.



Switching the AUX Mode (AUX)

It is possible to use auxiliary (AUX) equipment with this product. Activate the AUX mode when using external equipment with this product.

1. Press the **FUNCTION** button and select the AUX Setting (AUX) mode in the Initial Setting Menu.
2. Switch the AUX ON/OFF with the **▲/▼** buttons.



Setting the Dimmer (DIMMER)

To enable this product's display from being too bright at night, when the vehicle's head lights are turned ON the display is dimmed. You can switch this function ON/OFF.

1. Press the **FUNCTION** button and select the Dimmer mode (DIMMER) in the Initial Setting Menu.
2. Switch the Dimmer ON/OFF with the **▲/▼** buttons.



In addition to the Removable Front Panel, Pioneer has incorporated a new feature "Removable Front Panel Alert". This feature is designed to protect your new Pioneer car stereo as well as your vehicle contents.

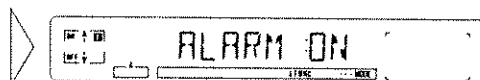
Activating the RFP Alert Feature

Pioneer has developed a menu display that allows you to set-up your RFP Alert to meet your personal needs. By scrolling through this menu it is possible to select your own "Entry Delay Time", "Speaker Output Volume" and "Door System Type". Initially from the factory the RFP Alert feature is not activated.

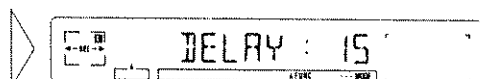
1. Select the RFP Alert Feature ON/OFF mode (ALARM) with the sources OFF. (Refer to page 42.)



2. Press the ▲ button to switch the RFP Alert Feature ON. Press the ▼ button to deactivate the RFP Alert Feature.



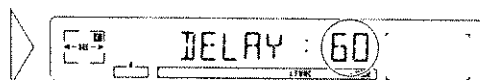
3. Press the FUNCTION button for 2 seconds to set the RFP Alert Setting menu.



Setting Entry Delay Time

Initially the "Entry Delay Time" is set to 15 seconds. The "Entry Delay Time" can be adjusted to be 0, 5, 15, 30, 45 or 60 seconds.

1. Decrease or increase the "Entry Delay Time" with the ◀/▶ buttons.



2. Press the FUNCTION button to move to the next selection.



Activating Internal Speaker ON/ OFF

This feature allows you to select whether or not the speaker output is sounded when the "RFP Alert" is triggered. Initially from the factory the speaker output is activated. Toggling between ▲, ▼ buttons allows you to deactivate or activate the "Internal Speaker". If you switch the speaker output OFF, you can not change the "TEST MODE".

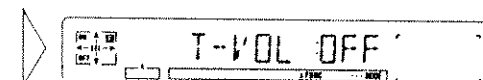
Speaker Volume Output Adjustment

If the "Internal Speaker Output" has been selected then it is possible to adjust the volume of the speaker output for when the Alert is triggered. To adjust the volume you must engage the "TEST MODE".

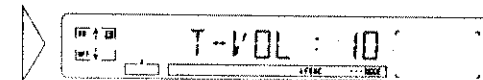
Note:

- If the "Internal Speaker Output" is turned OFF, then this menu will not appear.

1. Select the "TEST MODE" with the ► button.

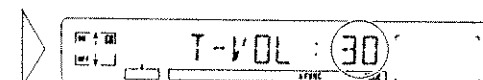


2. Press the ▲ button to switch the "TEST MODE" ON.



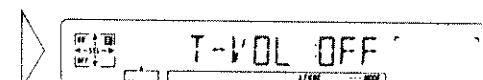
In this mode the speakers will sound.

3. Decrease or increase the volume with the volume buttons.



Display shows 10 – 30.

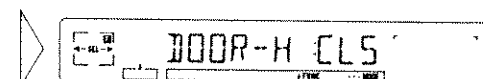
4. After setting volume with the ▼ button, cancel the "TEST MODE", then move to the next selection.



5. Cancel the "TEST MODE" with the ◀ button.



6. Press the FUNCTION button to move to the next selection.



Selecting Door Switching Systems

It is necessary to select the correct "Door System Type" (Negative or Positive switching) for that of your vehicle. Initially, the system is set for vehicles with the grounding type (Negative switching).

Select the correct "Door system type" of your vehicle from below.

■ Vehicles to select "DOOR-L:CLS"

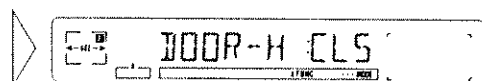
EUROPEAN, JAPANESE, GM, CHRYSLER

■ Vehicles to select "DOOR-H:CLS"

JAGUAR, MERCEDES*, FORD, etc.

* Some Models Only.

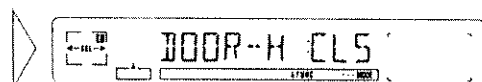
- Select "DOOR-L:CLS" or "DOOR-H:CLS" with the ◀/▶ buttons.



Door System Confirmation

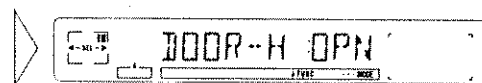
The door system confirmation feature was incorporated to ensure that the correct door system type has been selected. (e.g. Set to "DOOR-H:CLS" for JAGUAR vehicles.)

1. First, close all the vehicle's doors. If the correct door system type has been selected then the Display will show "DOOR-H:CLS".



If not, select the alternative door system type by pressing the ◀ or ▶ button. Lastly, confirm each door triggers the Alert by opening and closing each vehicle's door.

2. As the vehicle's door is opened the display should change accordingly ("DOOR-H:CLS" → "DOOR-H:OPN").



3. Press the BAND button and cancel the RFP Alert Setting Menu.



Setting of the "RFP Alert" is now complete.

Note:

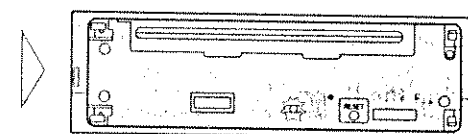
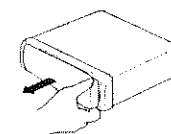
- In case that the battery is disconnected or the RESET button is pressed, it may be necessary to reprogram the RFP Alert Menu; otherwise this setting needs to be done only once.
- When the RFP Alert is armed, you cannot disarm it by pressing the RESET button.

Operation of "RFP Alert"

Providing the installation and setting of the "RFP Alert Setting Menu" has been performed correctly, operation of the "RFP Alert" is very simple.

Arming Alert

To arm your Alert simply turn off the ignition and detach the front panel, as described on page 41. After detaching the front panel the "RFP Alert" will automatically arm itself after 30 seconds, providing all of the doors are closed. If after 30 seconds, a door still remains open the RFP Alert will not arm until the last door has been closed. After closing all of the doors, ensure that they are securely locked. The LED indicator on the head unit will flash as a visual deterrent. Your vehicle is now protected by your "RFP Alert".



Disarming Alert

Upon entering your vehicle, and within the "Entry Delay Time" set within the "RFP Alert Menu", attach your Pioneer Front Panel as described on page 41.

If you have forgotten your removable front panel, simply insert the ignition key in the ignition and turn the key from "OFF" to "ON" within the "Entry Delay Time".

Entry Detection

If the "RFP Alert" was not disarmed in accordance with "Disarming Alert", the "RFP Alert" will be triggered. The "RFP Alert" will sound for 60 seconds and will repeat 5 times if any door is left open or reopened. After the fifth time the "RFP Alert" will reset to prevent continuous sounding and prevent your battery from discharging.

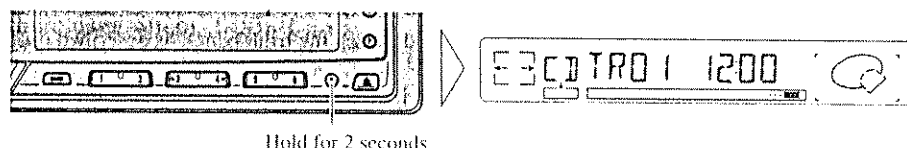
Precaution:

- Upon returning to your vehicle and before opening any doors, check to see if the LED indicator is still flashing. If the LED is no longer flashing, it indicates that the Alert has sounded. Disarming, as described above, is still necessary.

Time Display/Setting

Displaying the Time

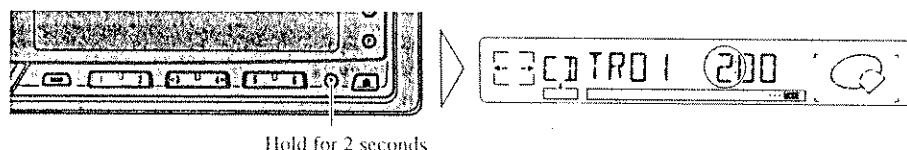
- To turn the time display ON with the source ON.



The time display disappears temporarily when you perform another operation, but the time indication returns to the display after 25 seconds.

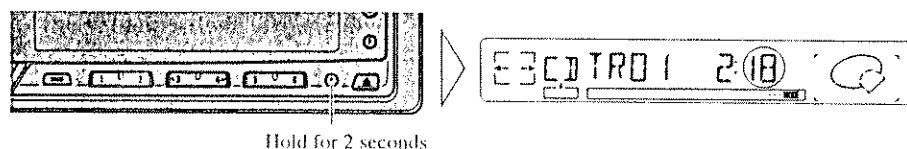
Setting the Hours

- While holding down the CLOCK/DISP button for at least 2 seconds, press button 1 to set the hour.



Setting the Minutes

- While holding down the CLOCK/DISP button for at least 2 seconds, press button 2 to set the minute.

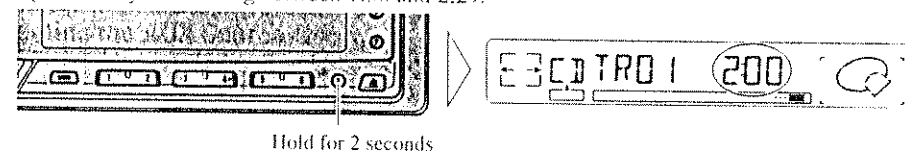


When you release the CLOCK/DISP button, the second count begins from 0 seconds.

Synchronizing with the Time Announcement

- While holding down the CLOCK/DISP button for at least 2 seconds, press button 3 to reset the minute and second indications to zero.

e.g. When synchronizing between 1:30 and 2:29.



Note:

- The hour and minute can be advanced by pressing the respective buttons either consecutively or continuously.

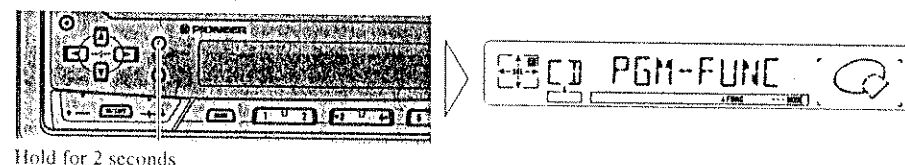
Using the PGM Button (PGM-FUNC)

The PGM (Programmable) button can memorize one of the functions in the Function Menu.

It is possible to memorize a different function for each source.

Setting the PGM Button

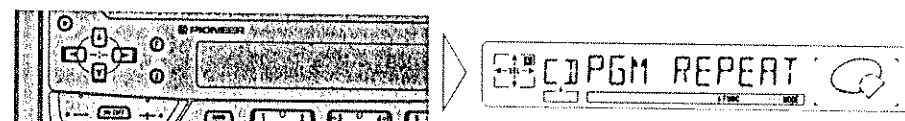
- Select the PGM button's setting mode (PGM-FUNC) in the Detailed Setting Menu. (Refer to page 16.)



- Select the function you want to memorize in the PGM button.



- Memorize the function in PGM button.

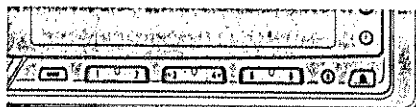


Pressing the BAND button cancels the Detailed Setting Menu.

Using the PGM Button

The PGM button operates in a different way depending on the function programmed (memorized).

- Use the PGM button.



■ Tuner

Function Name (Display)	Press	Hold for 2 seconds
Best Stations Memory (BSM)	OFF	ON
Regional Function (REG)	ON/OFF	—
Local Seek Tuning (LOCAL)	ON/OFF	Entering the Local Seek Sensitivity mode

■ Built-in CD Player

Function Name (Display)	Press	Hold for 2 seconds
Pause (PAUSE)	ON/OFF	—
Repeat Play (REPEAT)	ON/OFF	—
Random Play (RANDOM)	ON/OFF	—

■ Multi-CD Player

Function Name (Display)	Press	Hold for 2 seconds
Pause (PAUSE)	ON/OFF	—
Repeat Modes (REPEAT)	Selecting the mode	—
Random Play (RANDOM)	ON/OFF	—
Disc Title Input (TITLE LIST)	Enter the LIST mode	—
ITS	ITS Programming	ON/OFF

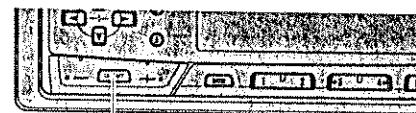
Using the AUX Source

It is possible to use auxiliary (AUX) equipment with this product.

To listen to auxiliary equipment, switch the AUX Mode in the Initial Setting Menu ON, and then select the desired source.

Selecting the AUX Source

- Select AUX. (Refer to page 7.)

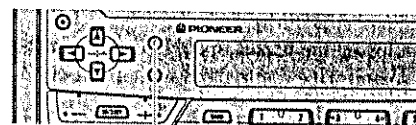


Each press changes the Source ...

AUX Title Input

The display title for AUX Source can be changed.

1. Select the Aux Title Input mode (TITLE IN) in the Detailed Setting Menu.



Hold for 2 seconds

2. Input the Aux Title.

Refer to "Disc Title Input" on page 36, and perform procedures 3 to 5 in the same way.

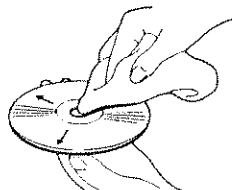
Precaution

- Play only CDs bearing the Compact Disc Digital Audio mark.



- Check all CDs before playing and discard cracked, scratched or warped discs.

- Wipe dirty or damp discs outward from the center with a soft cloth.



- Avoid touching the recorded (iridescent) surface when handling discs.
- Store discs in their cases when not in use.
- Keep discs out of direct sunlight and high temperatures.
- Do not affix labels or apply chemicals to discs.
- Condensation may collect inside the player when using the heater in cold weather, interfering with playback. Turn it off for an hour or so and wipe damp discs with a soft cloth.
- Road shocks may interrupt CD playback.

Built-in CD Player's Error Message

When problems occur with CD playback, an error message appears on the display. Refer to the table below to identify the problem, then take the suggested corrective action. If the error persists, contact your dealer or your nearest PIONEER Service Center.

Message	Possible cause	Recommended action
ERROR- 11, 12, 17, 30	Dirty disc.	Clean the disc.
ERROR- 11, 12, 17, 30	Scratched disc.	Replace the disc.
ERROR- 14	Unrecorded CD.	Check the disc.
ERROR- 10, 11, 12, 14, 17, 30, A0	Electrical or mechanical problem.	Turn the ignition ON and OFF, or switch to a different source, then back to the CD player.
HEAT	CD player overheating.	Discontinue play until the machine temperature drops.

General

Power source 14.4 V DC (10.8 – 15.1 V allowable)
 Grounding system Negative type
 Max. current consumption 10.0 A
 Dimensions
 (mounting size) 178 (W) × 50 (H) × 150 (D) mm
 (front face) 188 (W) × 58 (H) × 19 (D) mm
 Weight 1.4 kg

Amplifier

Maximum power output 40 W × 4
 Continuous power output 25 W × 4
 (DIN45324, +B = 14.4 V)
 Load impedance 4 Ω (4 – 8 Ω allowable)
 Preout output level/output impedance 500 mV/1 kΩ
 Tone controls
 (Bass) ±12 dB (100 Hz)
 (Treble) ±12 dB (10 kHz)
 Loudness contour +10 dB (100 Hz), +7 dB (10 kHz)
 (volume: –30 dB)

CD player

System Compact disc audio system
 Usable discs Compact disc
 Signal format Sampling frequency: 44.1 kHz
 Number of quantization bits: 16; linear
 Frequency characteristics 5 – 20,000 Hz (±1 dB)
 Signal-to-noise ratio 94 dB (1 kHz) (IEC-A network)
 Dynamic range 90 dB (1 kHz)
 Number of channels 2 (stereo)

FM tuner

Frequency range 87.5 – 108 MHz
 Usable sensitivity 11 dBf (1.0 μV/75 Ω, mono, S/N: 30 dB)
 50 dB quieting sensitivity 16 dBf (1.7 μV/75 Ω, mono)
 Signal-to-noise ratio 70 dB (IEC-A network)
 Distortion 0.3% (at 65 dBf, 1 kHz, stereo)
 Frequency response 30 – 15,000 Hz (±3 dB)
 Stereo separation 40 dB (at 65 dBf, 1 kHz)

MW tuner

Frequency range 531 – 1,602 kHz
 Usable sensitivity 18 μV (S/N: 20 dB)
 Selectivity 50 dB (±9 kHz)

LW tuner

Frequency range 153 – 281 kHz
 Usable sensitivity 30 μV (S/N: 20 dB)
 Selectivity 50 dB (±9 kHz)

Note:

- Specifications and the design are subject to possible modification without notice due to improvements.